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6 an annular sleeve concentrically disposed about
7 a tip end portion of a drive shaft and nominally spaced
8 from the tip end portion; and

1 2. The improvement of claim 1 wherein the
2 sleeve is an injection molded sleeve.

1 4. The improvement of claim 1 further
2 comprising:

6 wherein the engagement of the thrust member
7 with the end wall of the drive shaft prevents axial
8 movement of the drive shaft.

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4 housing coaxial with the output shaft, the improvement
5 comprising:

6 a thrust member disposed in the bore in the
7 housing in coaxial registry with the end wall of the
8 shaft; and

9 wherein the engagement of the thrust member
10 with the end wall of the drive shaft prevents axial
11 movement of the drive shaft.

1 7. The improvement of claim 6, wherein:
2 the thrust member is an injection molded thrust
3 member.

4 8. A method of manufacturing a motor/gear
5 drive wherein the motor/gear drive has a drive shaft
6 carrying a worm gear, and a tip end portion terminating
7 in an end wall, the method comprising the steps of:
8 forming a bore in a motor/gear drive housing,
9 the bore having a first bore portion of a first diameter
10 and an axially endmost, coaxial, second bore portion of a
11 smaller diameter;

12 forming a shoulder between the first and second
13 bore portions;

14 forming a first gate in the housing
15 communicating with the first bore portion;

16 inserting a mold core into the housing, the
17 mold core having a first end portion with a diameter
18 larger than the outer diameter of the tip end portion of
19 the drive shaft and a second larger diameter portion with
20 a shoulder formed between the first and second portions
21 sealingly closing the first bore portion in the housing,
22 the first bore portion and the end portion of the mold
23 core forming an interior cavity therebetween;

24 injecting molten plastic into the interior
cavity through the first gate to form a sleeve having an
inner diameter surface surrounding a hollow bore; and
removing the mold core.

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1 9. The method of claim 8 further comprising
2 the steps of:
3 forming a bearing mounting surface in the
4 housing; and
5 forming the mold core with a surface engagable
6 with the bearing surface in the housing to concentrically
7 align the mold core and the first bore portion in the
8 housing.

1 10. The method of claim 8 further comprising
2 the steps of:
3 forming a first flange on the housing;
4 forming a second flange on the mold core; and
5 engaging the first and second flanges to align
6 a longitudinal axis of the mold core with an axis
7 extending through the first bore portion.

1 11. The method of claim 8 further comprising
2 the steps of:
3 forming a second gate in the housing
4 communicating with the second bore portion;
5 forming an end wall of the drive shaft with an
6 outer diameter larger than the diameter of the second
7 bore portion;
8 disposing the end wall of the drive shaft to
9 sealingly close off an end of the second bore portion;
10 inserting the drive shaft of the motor/gear
11 drive into the housing with the tip end portion of the
12 drive shaft extending through the first bore portion;
13 disposing the end wall of the drive shaft to
14 sealing close the second bore portion; and
15 injecting molten plastic through the second
16 gate into the second bore portion to form a thrust member
17 in the second bore portion in registry with the end wall
18 of the drive shaft.

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1 14. A method of manufacturing a motor/gear
2 drive wherein the motor/gear drive has a drive shaft

3 carrying a worm gear, and a tip end portion terminating
4 in an end wall, the method comprising the steps of:
5 forming a bore in a motor/gear drive housing,
6 the bore receiving a tip end portion of a drive shaft;
7 and
8 injection molding a thrust member in the
9 housing in registry with the tip end portion of the drive
10 shaft, the thrust member limiting axial movement of the
11 drive shaft.

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DATE	TIME	LOCATION	ACTIVITY	REMARKS
10/10/2023	08:00	Field Station	Sample Collection	Collected 5 samples from the riverbank.
10/10/2023	09:30	Field Station	Water Quality Test	Conducted pH and temperature tests.
10/10/2023	11:00	Field Station	Soil Sampling	Collected 3 soil samples for analysis.
10/10/2023	13:00	Field Station	Vegetation Survey	Recorded plant species along the riverbank.
10/10/2023	15:00	Field Station	Animal Observation	Observed 2 birds and 1 small mammal.
10/10/2023	17:00	Field Station	Equipment Maintenance	Checked and calibrated all instruments.
10/10/2023	19:00	Field Station	Data Entry	Entered all field data into the database.
10/10/2023	20:00	Field Station	Report Writing	Started writing the preliminary report.
10/10/2023	21:00	Field Station	Equipment Storage	Stored all equipment in the storage room.
10/10/2023	22:00	Field Station	Site Cleanup	Cleaned up the field site and removed trash.
10/10/2023	23:00	Field Station	Final Check	Conducted a final check of all equipment and data.